

Iowa Crops & Weather



Iowa Agricultural Statistics
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Fieldwork Still Behind Normal

Iowa fieldwork is moving along, but additional rains received last week allowed farmers little time to catch up on fieldwork. Wet spots remained in fields across the state, and after the remainder of the corn is planted, those spots may be replanted. The wet conditions have delayed herbicide application in some areas. Warm and sunny temperatures would help both fieldwork progress and crop emergence. Little grain movement has been reported due to muddy conditions and fieldwork left to be done. Feedlots were muddy, but cow calf operations were faring well.

Topsoil moisture ratings were 0 percent very short, 0 percent short, 65 percent adequate, and 35 percent surplus across Iowa. **Subsoil moisture** ratings were 2 percent very short, 7 percent short, 69 percent adequate, and 22 percent surplus.

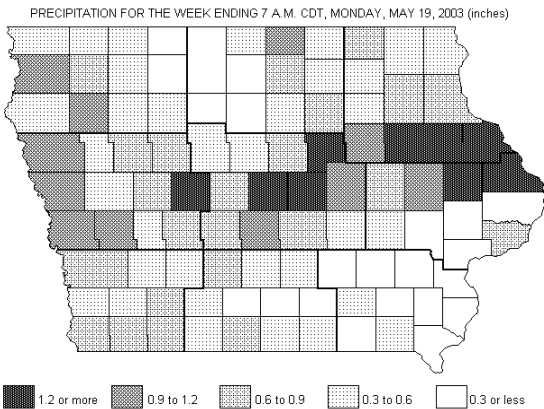
There were 2.4 **days suitable for fieldwork**, compared to 0.6 day last week and 3.4 days last year at this time. **Primary seedbed preparations** were 86 percent complete, while **fertilizer applications** were 93 percent complete. **Oat emergence** was at 91 percent, compared to 83 percent last week, but below the 97 percent last year at this time. **Oat** condition improved from last week and rated 0 percent very poor, 2 percent poor, 20 percent fair, 55 percent good, and 23 percent excellent. **Corn planting** increased from 64 percent complete to 79 percent complete. This is behind last year's progress of 93 percent complete and seven days behind the 5-year average of 90 percent complete. **Corn emergence** was at 38 percent, slightly behind last year's progress of 41 percent emergence, and behind the 5-year average of 56 percent emergence. **Soybean planting** increased from 6 percent complete to 19 percent

complete. This is behind last year's progress of 51 percent complete and still ten days behind the 5-year average of 54 percent complete. **Soybean emergence** was at 2 percent, slightly behind last year's progress of 5 percent emergence, and below the 5-year average of 18 percent emergence. **Pasture and Range** condition improved from last week and rated 0 percent very poor, 1 percent poor, 16 percent fair, 53 percent good, and 30 percent excellent.

Iowa Weather Summary

The past work week began with dry conditions and temperatures slightly cooler than normal on Monday (12th). Thunderstorms affected all but far eastern Iowa on Tuesday (13th) with daytime temperatures mainly in the 70's. Rain fell statewide on Wednesday (14th) with highs only in the 50's and 60's north to the 70's across the central and south. Thursday (15th) began with a few lingering rain showers in the extreme east during the morning with daytime temperatures averaging near 70 degrees. Welcome dry weather prevailed for the remainder of the week with rain and thundershowers moving into far western Iowa again early on Monday (19th). Daytime temperatures were in the 60's and 70's on Friday and mainly in the 70's over the weekend. Temperature extremes for the week ranged from a Tuesday (13th) morning low of 34 degrees at Anamosa to a Sunday afternoon high of 82 degrees at Shenandoah. Temperatures for the week as a whole averaged from 0.4 degrees above normal at Des Moines to 2.9 degrees below normal at Cedar Rapids and Ottumwa. Weekly rain totals varied from only 0.10 inches at Muscatine, 0.11 inches at Iowa City and Sigourney, up to 2.30 inches at Conrad and 1.77 inches at Cedar Rapids. The statewide average precipitation was 0.62 inches or about two-thirds of the weekly normal of 0.90 inches.

Statewide Crop Conditions as of May 18, 2003					
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Oats	0	2	20	55	23
Range & Pasture	0	1	16	53	30



Field Work and Crop Progress as of May 18, 2003

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Fertilizer application completed (including fall work)	95	95	91	93	90	96	95	92	93	93	91	97	96
Seedbed, primary preparation completed (including fall work)	87	89	87	85	84	86	83	81	86	86	82	94	93
Corn planted	92	95	73	75	73	82	74	49	71	79	64	93	90
Corn emerged	44	56	21	41	38	33	37	27	27	38	12	41	56
Soybeans planted	30	24	18	12	8	26	15	16	26	19	6	51	54
Soybeans emerged	1	1	1	1	0	5	2	4	3	2	0	5	18
Oats emerged	98	96	78	99	90	96	98	96	93	91	83	97	95

Days Suitable & Soil Moisture Condition as of May 18, 2003

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Days suitable	2.8	1.9	1.7	2.6	1.7	3.0	2.5	1.9	3.3	2.4	0.6	3.4
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	0	0	0	0	0	1	0	0	0	0	0
Short	0	0	0	0	0	0	3	0	0	0	0	7
Adequate	73	53	67	72	53	73	54	58	76	65	49	79
Surplus	27	47	33	28	47	27	42	42	24	35	51	14
Subsoil moisture												
Very short	0	0	0	0	0	7	5	7	1	2	2	3
Short	3	0	3	1	0	1	19	29	17	7	8	16
Adequate	82	45	72	84	63	79	63	57	76	69	67	72
Surplus	15	55	25	15	37	13	13	7	6	22	23	9

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, May 18, 2003										
STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	74	39	56	-3	0.32	-0.40	4.52	-0.11	44	-17
	81	38	58	-3	1.08	0.33	6.59	2.32	59	-16
	77	39	57	-3	0.51	-0.30	5.04	0.32	50	-15
	77	40	57	-1	0.18	-0.50	3.98	-0.15	55	-27
Britt Humboldt Mason City Northwood	North Central District									
	72	40	57	-4	0.62	-0.15	7.72	2.72	51	-22
	73	41	57	-4	0.30	-0.54	7.62	2.53	54	-14
	72	38	56	-3	0.70	-0.21	6.53	1.32	47	-17
	71	38	55	-4	1.07	0.23	7.81	2.76	41	-24
Decorah Dubuque Elkader Independence Waterloo	North East District									
	75	35	58	-3	0.62	-0.22	6.08	0.51	57	-14
	71	38	55	-4	1.95	0.97	6.90	0.74	38	-25
	72	40	55	-4	1.81	0.90	9.41	3.97	42	-43
	71	36	55	-4	2.68	1.79	10.46	4.90	37	-52
Waterloo	73	39	58	-3	1.71	0.80	9.75	4.15	56	-16
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	75	41	56	-6	0.54	-0.44	8.48	2.79	44	-39
	74	42	57	-4	0.59	-0.38	7.75	2.06	51	-21
	75	42	58	-4	0.36	-0.58	5.87	0.86	58	-14
	76	40	57	-4	0.69	-0.25	9.30	3.71	49	-26
Harlan Jefferson Logan Rockwell City Sioux City	78	40	57	-5	0.91	-0.07	8.09	2.59	53	-26
	75	44	58	-3	1.51	0.54	10.74	5.05	55	-17
	78	39	58	-4	0.52	-0.51	9.69	4.27	59	-25
	73	40	56	-5	0.78	-0.13	8.99	3.95	49	-30
	77	38	57	-5	0.38	-0.46	6.57	2.22	52	-30
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	74	43	58	-2	0.66	-0.31	7.70	1.98	61	-8
	76	43	59	-2	0.99	0.01	10.13	4.39	65	-10
	76	46	61	-2	0.80	0.00	10.70	5.33	77	-9
	75	43	59	-2	0.71	-0.20	8.64	3.25	67	-5
Marshalltown Newton Perry Toledo	72	44	58	-2	0.76	-0.13	6.15	0.74	57	-13
	75	43	58	-4	0.81	-0.14	9.06	3.46	58	-22
	75	44	58	-2	1.23	0.29	11.83	6.38	58	-16
	72	41	56	-4	1.04	0.06	8.68	2.98	44	-22
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	73	42	57	-4	1.77	0.94	6.29	1.06	50	-27
	76	39	57	-5	0.74	-0.09	6.27	0.98	51	-31
	78	40	59	-4	0.11	-0.80	5.92	-0.10	64	-25
	75	36	56	-5	0.12	-0.79	4.36	-1.73	41	-36
Maquoketa Muscatine	74	39	55	-5	0.32	-0.52	5.00	-0.28	37	-29
	77	42	57	-6	2.97	2.08	8.46	2.75	51	-16
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	77	41	58	-4	0.59	-0.46	8.30	2.30	61	-23
	80	37	58	-5	0.57	-0.51	7.07	1.50	57	-29
	77	41	57	-5	0.59	-0.32	8.21	3.02	54	-23
	78	40	59	-5	0.52	-0.47	7.36	1.43	65	-26
Sidney	78	42	60	-4	0.62	-0.36	6.37	0.81	69	-24
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	76	42	58	-4	0.20	-0.71	6.45	0.82	58	5
	74	43	58	-4	0.67	-0.24	6.18	0.66	55	-22
	76	42	57	-4	0.44	-0.47	7.10	1.32	53	-24
	76	42	60	-2	0.63	-0.28	9.35	3.43	69	-10
Leon	76	44	58	-3	0.58	-0.41	7.48	1.44	61	-18
Bloomfield Burlington Otumwa	South East District									
	76	44	58	-5	0.24	-0.73	9.23	3.32	60	-29
	77	46	60	-3	0.34	-0.50	7.02	1.37	69	-17
	76	43	58	-5	0.23	-0.68	6.35	0.78	59	-30

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2003: AWIS, Inc. All Rights Reserved.